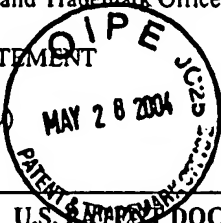


FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P24870		Application No. 10/781,874	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)				Applicant Takashi MORITA		Filing Date February 20, 2004	
				Group 2872			



U.S. PATENT DOCUMENTS												
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
J.P.		4 9 1 8 3 0 6	04/17/90	SATO								
		4 9 9 8 7 9 0	03/12/91	IIZUKA								
		5 2 3 7 4 5 7	08/17/93	OONO et al.								
		5 6 0 6 4 4 9	02/25/97	NISHIYAMA								
		5 6 2 1 5 6 2	04/15/97	HAMA								
		5 6 1 0 7 5 5	03/11/97	OHTSUKA								
		5 4 1 8 6 3 8	05/23/95	HIRASAWA								
		5 9 3 6 7 5 6	08/10/94	NAKAJIMA								
		5 3 0 7 1 0 4	04/26/94	HAMASAKI								
		4 2 5 1 1 4 9	02/17/81	KIMURA								
J.P.		3 8 5 2 6 5 1	12/03/74	DEFENDCH								

FOREIGN PATENT DOCUMENTS												
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO					
J.P.		6 - 1 4 8 4 9 1	05/27/94	JAPAN								

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
J.P.		1	English Language Abstract of JP 6-148491.									

EXAMINER <i>James Phan</i>	DATE CONSIDERED <i>9/24</i>
-------------------------------	--------------------------------

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.